Summer school about open science, reproducibility, and meta-analysis

As part of the SIDR strategic initiative about raising the statistical competence, a summer school will be arranged in August.

This year's Summer School will focus on open science, reproducibility, and meta-analysis. There has been much focus lately on the reproducibility crisis in science. There has been claims that 50% of all studies are false (Ioannidis, 2005) and large replication studies (Open Science Collaboration; 2015) could only replicate on average 39% of major findings in psychology.

The summer school will be about reproducibility in science and what can be done to increase the reproducibility on our own research. This will include many aspects of open science like pre-registration of studies, pre-prints of articles, publication of test material, publication of data, publication of code for analyses, open access publications and post-print of articles. It will also include how to estimate how probable your study and other studies are to replicate, how to present data in visual form to enhance the understanding of the data, to conduct meta-analyses and systematic reviews, and things to not do when you analyze data.

Participants will be members of the Swedish Institute for Disability Research and/or Linnaeus Center for Hearing and Deafness who are doing their PhD, their post-doc or senior researchers. Pre-requsites for participation is basic statistical knowledge (you should at least know the concepts of power, Type I and Type II errors, variance, correlation, t-tests).

Responsible for the summer school is Henrik Danielsson, Linnaeus Centre for Hearing and Deafness, Swedish institute for disability research, Institution of Behavioural Sciences and Learning, Linköping University, Sweden. E-mail: henrik.danielsson@liu.se

The summer school are planned to be held 12-16th of August 2017. Location to be determined.

Are you interested in this course? Please e-mail;
Your current position, your institution and University, your research area and your relation to the Swedish Institute for Disability Research to
Maria Hugo-Lindén maria.hugo-linden@liu.se **no later than the 11th of April 2017.**

Welcome to register!

Henrik Danielsson
Associate professor, SIDR Method Group

Mats Granlund
Professor SIDR
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Jerker Rönnberg
Professor SIDR
Linköping University

Örjan Dahlström	*Maria Björk*	*Karina Huus*	*Stephen Widén*
Senior lecturer	Senior lecture	Associate professor	Associate professor
SIDR Method Group	SIDR Method Group	SIDR Method Group	SIDR Method Group
Linköping University	Jönköping University	Jönköping University	Örebro University